

PTO/SB/08a (07-09)

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<p>Substitute for form 1449/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p><i>(Use as many sheets as necessary)</i></p>				<b>Complete if Known</b>	
				Application Number	10/021,621-Conf. #5221
				Filing Date	December 12, 2001
				First Named Inventor	Eric J. Horvitz
				Art Unit	2444
				Examiner Name	P. A. Shaw
Sheet	1	of	12	Attorney Docket Number	M1103.70715US00

<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
A1*	US-D494,584	08-17-2004	Schlieffers et al.		
A2*	US-7,385,501	06-10-2008	Miller et al.		
A3*	US-7,259,694	08-21-2007	Myllymaki et al.		
A4*	US-7,209,955	04-24-2007	Major et al.		
A5*	US-7,195,157	03-27-2007	Swartz et al.		
A6*	US-7,171,378	01-30-2007	Petrovich et al.		
A7*	US-7,162,238	01-09-2007	Massie et al.		
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A11*	US-7,069,309	06-27-2006	Dodrill et al.		
A12*	US-7,063,263	06-20-2006	Swartz et al.		
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A17*	US-6,853,634	02-08-2005	Davies et al.		
A18*	US-6,837,436	01-04-2005	Swartz et al.		
A19*	US-6,829,639	12-07-2004	Lawson et al.		

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			
B1	EP-0095633-A1		12-07-1983	Iveco Magirus	
B2	EP-0413537-A2		02-20-1991	Digital Equipment Int	
B3	EP-0420779-A2		04-03-1991	Ibm	
B4	EP-0867823-A2		09-30-1998	Canon Kk	
B5	EP-0905633-A2		03-31-1999	Sharp Kk	
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A20*	US-6,796,505	09-28-2004	Pellaumail et al.		
A21*	US-6,741,188	05-25-2004	Miller et al.		
A22*	US-6,714,967	03-30-2004	Horvitz		
A23*	US-6,697,840	02-24-2004	Godefroid et al.		
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A27*	US-6,650,902	11-18-2003	Richton		
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A31*	US-6,591,279	07-08-2003	Emens et al.		
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B7	JP-08314827-A		11-29-1996	Hitachi Ltd	
B8	JP-10079756-A		03-24-1998	Fujitsu Ltd	
B9	WO-0036493-A1		06-22-2000	Tangis Corp et al.	
B10	WO-02065250-A2		08-22-2002	Invertix Corp	
B11	WO-0239761-A2		05-16-2002	Motorola Inc	
B12	WO-2004025912-A2		03-25-2004	IBM et al.	

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	A40*	US-6,459,913	10-01-2002	Cloutier	
	A41*	US-6,459,440	10-01-2002	Monnes et al.	
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	A43*	US-6,438,618	08-20-2002	Lortz et al.	
	A44*	US-6,437,812	08-20-2002	Giles et al.	
	A45*	US-6,425,127	07-23-2002	Bates et al.	
	A46*	US-6,400,810	06-04-2002	Skladman et al.	
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	A48*	US-6,360,101	03-19-2002	Irvin	
	A49*	US-6,353,398	03-05-2002	Amin et al.	
	A50*	US-6,342,908	01-29-2002	Bates et al.	
	A51*	US-6,337,699	01-08-2002	Nielsen	
	A52*	US-6,332,127	12-18-2001	Bandera et al.	
	A53*	US-6,327,581	12-04-2001	Platt	
	A54*	US-6,301,609	10-09-2001	Aravamudan et al.	
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	A57*	US-6,256,664	07-03-2001	Donoho et al.	

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	B13	WO-9635994-A1	11-14-1996	Compuserve Inc	
	B14	WO-9738382-A1	10-16-1997	Siemens Ag et al.	
	B15	WO-9800787-A1	01-08-1998	Datalink Systems Corp	
	B16	WO-9837680-A2	08-27-1998	Intervoice Lp	
	B17	WO-9847268-A1	10-22-1998	British Telecomm et al.	
	B18	WO-9858321-A1	12-23-1998	Purdue Pharma Lp et al.	

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	A61*	US-6,094,681	07-25-2000	Shaffer et al.	
	A62*	US-6,078,322	06-20-2000	Simonoff et al.	
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	A65*	US-6,057,842	05-02-2000	Knowlton et al.	
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	A68*	US-5,987,234	11-16-1999	Hirosawa et al.	
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	A74*	US-5,831,545	11-03-1998	Murray et al.	
	A75*	US-5,784,124	07-21-1998	D'Alitalia et al.	
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	B19	WO-9906915-A1	02-11-1999	Jfax Communications Inc	
	B20	WO-9941720-A1	08-19-1999	Genesys Telecomm Lab Inc	
	B21	WO-9967731-A1	12-29-1999	Microsoft Corp	

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /P.S./

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Substitute for form 1449/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	10/021,621-Conf. #5221
<i>(Use as many sheets as necessary)</i>				Filing Date	December 12, 2001
				First Named Inventor	Eric J. Horvitz
				Art Unit	2444
				Examiner Name	P. A. Shaw
Sheet	7	of	12	Attorney Docket Number	M1103.70715US00

**U.S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

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				Examiner Name	P. A. Shaw
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Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
C1		BACLACE, "Competitive Agents for Information Filtering", December 1999, 1 pg	
C2		BOONE, "Concept Features in Re: Agent, an Intellectual Email Agent, 1998, 8 pgs	
C3		BRESESE et al., "Empirical analysis of predictive algorithms for collaborative filtering", Proceedings of the 14th Conference on Uncertainty in AI, 1998 pg. 43-52, AUAI, Morgan Kaufmann, San Francisco	
C4		CAMERON et al. "Identifying and Localizing Electrical Components: A Case Study of Adaptive Goal-directed Sensing", 1997, 6 pgs.	
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C7		CHU et al., "A Decision-Theoretic Approach to Reliable Message Delivery", 15 pgs	
C8		COHEN, "Learning Rules that Classify E-Mail", 1996, 11 pgs	
C9		CZERWINSKI et al., "Visualizing implicit queries for information management and retrieval", Proceedings of CHI'99, ACM SIGCHI Conf on Informational and Knowledge Management, 1999, pg. 560-567	
C10		DUMAIS et al., "Inductive learning algorithms and representations for text categorization", Proceedings of 7th Intl Conf on Information and Knowledge Management, 1998, pgs148-155	

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	C11	EP Search Report dtd 7/5/04 for EP Application No. 04 00 0621	
	C12	EP Search Report dtd 9/28/05 for EP Application No. 05 10 5299	
	C13	HADDAWY, "An Overview of Some Recent Developments in Bayesian Problem-Solving Techniques Introduction to This Special Issue", 1999, 9 pgs	
	C14	HEARST et al., "Machine Learning in Information Access Papers from the 1996 AAAI Spring Symposium", 1996, 3 pgs	
	C15	HORVITZ et al., "Display of Information for time-critical decision making" Proceedings of the 11th Conference on uncertainty in AI, 1995, pg. 296-305, Montreal, Canada	
	C16	HORVITZ et al., "Models of Attention in Computing and Communication: From principles to Applications", Communications to the ACM 46(3):56-29, March 2003	
	C17	HORVITZ, "Principles of mixed-initiative user interfaces" Proceedings of CHI'99, ACM SIGCHI Conf on Human Factors in Computing Systems, 1999, pgs. 159-166, Pittsburgh, PA	
	C18	HORVITZ, "Time dependant utility and action under uncertainty", Proceedings of the 7th Conference on Uncertainty in AI, LA, CA, 1991 pgs. 151-158, Morgan Kaufmann, San Francisco	
	C19	HORVITZ, "Time-critical action:Representations and Application", Proceedings of the 13th Conference on Uncertainty in AI(UAI-97), 1997, pgs.250-257, Providence, RI, Morgan Kaufmann, San Francisco	
	C20	International Search Report dated August 20, 2002 for International Application Serial No. PCT/US01/08711	

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	C21	International Search Report dated June 28, 2006 for International Application Serial No. PCT/US04/19915	
	C22	International Search Report dated September 2, 2002 for International Application Serial No. PCT/US01/08710	
	C23	International Search Report dated September 29, 2003 for International Application Serial No. PCT/US00/20685	
	C24	IWAYAMA et al., "Hierarchical Bayesian Clustering for Automatic Text Classification", 1995, 6 pgs.	
	C25	JENSEN, "Bayesian networks basics", Winter 1995/ Spring 1996, 14 pgs.	
	C26	KOLLER et al., "Toward optimal feature selection", Proceedings of 13th conference on machine learning, 1998, pg. 284-293, Morgan Kaufmann, San Francisco	
	C27	LEIBERMAN, "Letizia: An Agent that assists web browsing", Proceedings of IJCAI-95, 1995, 6 pgs, Montreal, Canada, Morgan Kaufmann, San Francisco	
	C28	MACSKASSY et al., "EmailValet: Learning Email Preferences for Wireless Platforms", Rutgers University, user Modeling 1999 Workshop - Machine Learning for User Modeling, June 3, 1999, 4 pgs	
	C29	MCCRICKARD et al., "Attuning Notification Design to User Goals and Attention Costs" Communications of the ACM, vol. 46 Issue 3, pp. 67-72, 2003	
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Examiner Initials	Cite No. <sup>1</sup>	Description of the document	T <sup>2</sup>
	C31	PALME et al., "Issues when designing filters in messaging systems", 1996, 7 pgs	
	C32	PLATT, "Fast Training of Support Vector Machines Using Sequential Minimal Optimization", Advances in Kernel Methods, Support Vector Learning, 1999 pg. 41-65, MIT Press, Cambridge, MA.	
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